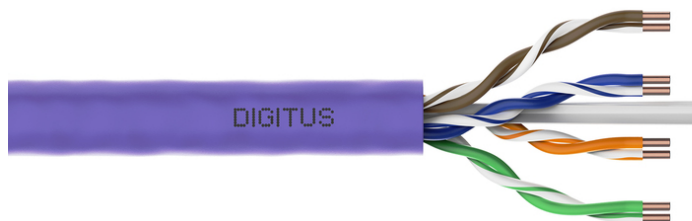


# DIGITUS® CAT 6 U/UTP installation cable, 500 m, Eca

DK-1613-VH-5

EAN 4016032343660



## CAT 6 U-UTP installation cable, 250 MHz Eca (EN 50575), AWG 23/1, 500 m drum, sx, purple

The Digitus Cat 6 U/UTP installation cable is designed for use in the structured data center and the building cabling according to ISO/IEC 11801, DIN EN 50288-6-1, DIN EN 50173, IEC 60332-1. The cable is perfectly suitable for the transmission of both analog and digital data and also supports POE and POE+.

### Future-oriented standards and high-end quality for your network.

- Physical properties:
- Conductor: Bare annealed copper, solid AWG 23/1
- System/s of AVCP: AVCP 3
- Insulation: HD-PE (High Density Polyethylene)
- Total number of insulated conductors: 8, twisted in 4 pairs
- Color code: Blue-white, orange-white, green-white, brown-white
- Individual pair shield: None
- Overall shielding: None
- Outer sheath: Eca to B2ca acc. to EN 50575; LSZH
- Outer sheath diameter (nominal): 0,5 mm (Eca); 0,6 mm (Dca); 1,0 mm (Cca); 1,0 mm (B2ca)
- Outer sheath color: Purple (RAL 4005)
- Mechanical properties:
- Tensile loading: 150N max.
- Dynamic bending radius: 8x AD mm min.
- Static bending radius: 4x AD mm min.
- Shipping- and storage temperature range: -20 °C up to +60 °C
- Operating temperature range: -20 °C up to +75 °C

- Installation temperature range: 0 °C up to +50 °C
- Overall diameter Simplex (nominal): 6,1 mm (Eca); 6,3 mm (Dca); 6,8 mm (Cca); 6,8 mm (B2ca)
- Weight (kg/km): 41 kg (Eca); 42 kg (Dca); 44 kg (Cca); 44 kg (B2ca)
- Electrical properties:
- Impedance: 100±50Ω @ 1 – 250MHz
- Capacitance: 40 pF/m nominal @ 800 Hz
- Capacitance unbalance (pair-ground): 1.5 pF/m max. @ 1 KHz
- Insulation resistance: 5 GΩm x km min.
- DC loop resistance: 147 Ω/km max. (2% max. resistance unbalance)
- Voltage resistance: 72 Vdc max.
- Coupling attenuation: CA-Type 3
- Signal propagation delay: 535 nS/100 m max.
- Propagation delay: 20 nS/100 m max.
- Separating class: „b“ acc. to EN 50174-2
- NVP: 69%

### Attributes

- Asortiman: Instalacijski kabeli s upredenim paricama
- Kategorija: CAT 6
- Oklop: U-UTP, neoklopljeno
- CPR: Eca
- Duljina: 500 m
- Boja: ljubičasti
- Kapica: LSOH
- Struktura: 4 x 2 AWG 23/1, kruto upletena parica

## Logistics

	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm³
Packaging Unit Carton	1	21.00	39.50	38.00	27.50	41,277.50
Packaging Unit Inside	1	21.00	0.00	0.00	0.00	0.00
Packaging Unit Single	1	21.00	37.00	37.00	29.00	39,701.00
Net single without Packaging	1	19.00	33.00	34.00	12.00	0.00

More images:

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AWG 23/1  
250 MHz  
1 Gbit Ethernet  
CAT 6  
20°/175°  
LSZH  
Eca  
CPR class

**CAT 6 U/UTP Installation Cable, 500 m, Simplex, Eca**

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**DK-1613-VH-S // CAT 6 U/UTP Installation Cable, 500m, Simplex, Eca**

**Anwendungsbeispiel**  
Example of use

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**DK-1613-VH-S // CAT 6 U/UTP Installation Cable, 500m, Simplex, Eca**

**Kabelquerschnitt**  
Cable cross section

Außenmantel Outer jacket  
Cu-Drähte Conductors  
Aderisolation Twisted pair

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Mechanische Eigenschaften Mechanical Properties		Elektrische Eigenschaften Electrical Properties		Physikalische Spezifikationen Physical Properties	
Hersteller Hersteller	ASSMANN Electronic GmbH	Hersteller Hersteller	ASSMANN Electronic GmbH	Hersteller Hersteller	ASSMANN Electronic GmbH
Teilenummer Part No.	DK-1613-VH-S	Teilenummer Part No.	DK-1613-VH-S	Teilenummer Part No.	DK-1613-VH-S
Material Material	PVC	Material Material	PVC	Material Material	PVC
Farbe Color	Violett Purple	Farbe Color	Violett Purple	Farbe Color	Violett Purple
Abmessungen Dimensions	20 x 10 x 10 mm	Abmessungen Dimensions	20 x 10 x 10 mm	Abmessungen Dimensions	20 x 10 x 10 mm
Nettogewicht Net weight	0,15 kg	Nettogewicht Net weight	0,15 kg	Nettogewicht Net weight	0,15 kg
Bruttogewicht Gross weight	0,18 kg	Bruttogewicht Gross weight	0,18 kg	Bruttogewicht Gross weight	0,18 kg
Verpackung Packaging	500 m	Verpackung Packaging	500 m	Verpackung Packaging	500 m
Umweltbedingungen Environmental conditions	-20°C bis +75°C	Umweltbedingungen Environmental conditions	-20°C bis +75°C	Umweltbedingungen Environmental conditions	-20°C bis +75°C
CE-Kennzeichnung CE marking	CE	CE-Kennzeichnung CE marking	CE	CE-Kennzeichnung CE marking	CE
RoHS-Kennzeichnung RoHS marking	RoHS	RoHS-Kennzeichnung RoHS marking	RoHS	RoHS-Kennzeichnung RoHS marking	RoHS

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**Leitungsmodul Transmitter Properties**

FRF1	FRF2	FRF3	FRF4	FRF5	FRF6	FRF7	FRF8	FRF9	FRF10
10	15	20	25	30	35	40	45	50	55
60	65	70	75	80	85	90	95	100	105
110	115	120	125	130	135	140	145	150	155
160	165	170	175	180	185	190	195	200	205
210	215	220	225	230	235	240	245	250	255
260	265	270	275	280	285	290	295	300	305

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**Leistungsbereich**  
Performance range

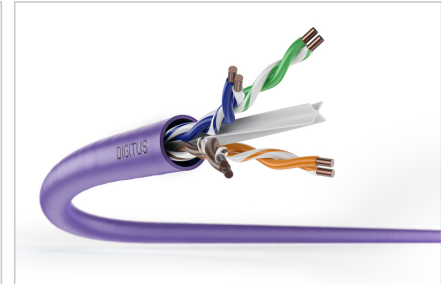
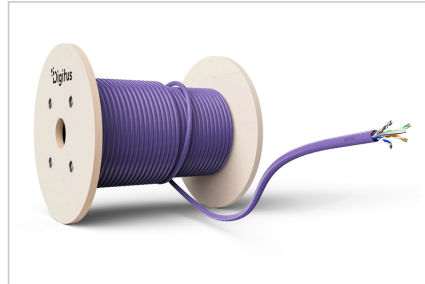
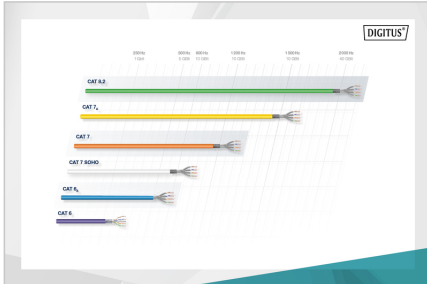
**Leitungsmodul Transmitter Properties**  
Performance range

**Leistungsbereich**  
Performance range

**Leitungsmodul Transmitter Properties**  
Performance range

**Leistungsbereich**  
Performance range

**Leitungsmodul Transmitter Properties**  
Performance range



**Safety notes**

- Data cables must not be bent, stretched or twisted excessively. Sharp bends can damage the cable sheath and lead to failures or short circuits.
- Installation only by trained specialists.
- Installation only in dry rooms.
- The data cable must not be in direct contact with other electrical cables or high-voltage sources in order to avoid electromagnetic interference.

**EU responsible person**

EU based economic operator ensuring the product complies with the required regulations.

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